

PART 2: To be completed and signed by a NVLAP-accredited testing facility. For a list of accredited facilities visit the National Institute for Standards and Technology (NIST) site at <http://ts.nist.gov/ts/htdocs/210/214/214.htm>. Please attach all supporting data reports.

Manufacturer:		Model Number:	
Report Date: Month/Day/Year		Report Number:	
NVLAP-Certified Testing Facility:			
Lamp efficacy:	Specification Must meet or exceed minimum listed lumens per watt. (10 units, 5 base up/5 base down, unless specific position is noted)	AVG BASE-UP	AVG BASE-DOWN (specify alternative position)
Bare:	< 10 watts = 50.0 lm/w		
	10 ≤ lamp power < 15 watts = 55 lm/w		
	≥ 15 watts = 65 lm/w		
Bare Dimmable/ 2-way/3-way:	< 15 watts = 50 lm/w		
	≥ 15 watts = 60 lm/w		
Covered: (no reflector)	≤ 7 watts = 40 lm/w (candelabra base exception: 35 lm/w)		
	7 < lamp power < 15 watts = 45 lm/w		
	15 ≤ lamp power < 25 = 50 lm/w		
	Lamp power ≥ 25 watts = 60 lm/w		
Outdoor Reflector: <i>NOTE: Indoor Reflectors require different qualification form</i>	Lamp power < 20 = 33 lm/w		
	Lamp power ≥ 20 watts = 40 lm/w		
	Specification	Test Sample Averages	
Starting Time:	≤ 1.00 second (to the mSec)		
Color Quality:	CRI ≥ 80.0 (no more than 3 samples can be below 77)		
Run-up Time: (seconds)	≤ 3.0 minutes amalgam < 1.0 minute non-amalgam		
Correlated Color Temperature: (Kelvin)	9/10 lamps must fall within a 7-step ANSI MacAdam Ellipse of one of the following CCT at 100 hours: 2700K, 3000K, 3500K, 4100K, 5000K, 6500K		Kelvin (Please include Appendix C chromaticity data)
Power Factor:	≥ 0.50		
Operating Frequency:	≥ 40.0 kHz		
Transient Protection:	7 strikes		Pass Fail
Rapid Cycle Stress Test:	Cycle times must be 5 min. on, 5 min. off; lamp will be cycled once for every 2 hours of rated life. At least 5 lamps must meet or exceed the minimum number of cycles.	Cycles Endured:	Pass Fail (out of 6 samples)
100-hour Light Output: (lumens)	Baseline measurement for calculating lumen maintenance	Average lumens:	
1000-hour Lumen Maintenance: (lumens)	Average lumen output of 10 lamps must be > 90% of 100 hour lumen average. No more than 3 samples can have < 85% lumens.	Average lumens:	
40% Rated Life Lumen Maintenance:	Must be 80% of initial (100-hour) rating. No more than 3 lamps can have < 75% of initial rating.	Average lumens:	
Interim Life Test:	At 40% of rated life two sample failures require explanation. Three sample failures will not qualify.	Sample failures at 40% of life:	out of 10
Average Rated Lamp Life:	≥ 6,000 hours as declared by the manufacturer packaging	Date Test Began:	# of Models that met Rated Life: out of 10
Signature: NVLAP Laboratory Technician		Date:	